



NOVEA

GROUPE RAGNI

Solar lighting,
designed to last



YOUR SOLAR EXPERT PARTNER FOR 360° SUPPORT

Precursor in France and Europe, we will spare no effort to provide qualitative products and unique support. Confident in our solutions, we offer the best lifespan and warranties of the market. Subsidiary of RAGNI Group since 2015, we are able to use solar energy to power reliable luminaires.

With thousands of references around the world, we offer mastered know-how that we develop thanks to a network of trusted partners and local offices.



OPENING OF OUR SUBSIDIARIES IN WEST AFRICA

Our company's alliance with the Ragni Group, present in around forty countries, has allowed us to develop our assets internationally and more particularly in the tropical and equatorial areas of the globe. It is therefore obvious for us to bring our know-how to local public lighting players. This is why we opened two subsidiaries on the African continent: one in Abidjan and one in Dakar. These local Ragni-Novéa branches reflect our informative and local approach. Our desire is to support all stakeholders throughout their project, and to develop their skills for optimal monitoring



PROJECT MANAGEMENT AT EVERY STAGE: FROM FINANCING TO MAINTENANCE

The project approach is a strong component of Novéa Energies' DNA. We not only design solar street lights, we structure a turnkey offer for our partners.

We therefore build your project from A to Z: we find local partners (installers, etc.) and the appropriate financing structures (PPP, LOI, etc.). We then size the solutions as closely as possible to your needs (models, number of lighting points, etc.), produce them and deliver them. Finally, we support your teams with installation and maintenance over several years. With an effective guarantee over the entire duration of the contract.

THE TRANSFER OF SKILLS ESSENTIAL FOR SUSTAINABLE PROJECTS

Training is a pillar of our project approach in order to transmit the essential knowledge for the installation and maintenance of our solutions to local teams.

According to a plan defined in advance with you, we have the possibility of traveling on site to provide training using demonstrators of each model.

We then remain available for any questions, and assist the teams during specific maintenance operations.

To support these interventions, we offer tools such as assembly sheets and tutorials.



A TAILOR-MADE SOLAR SOLUTION THANKS TO OUR TECHNICAL SIZING

On the expected application depends the sizing of your solar lighting solution.

This is why we put the support at the heart of our project approach and we help you from the statement of your need to the definition of the best technical solution. Design and aesthetics besides.

A PHOTOMETRIC study to:

- Decide on lighting power
- Optimise the number of lighting poles
- Respect the applicable recommendations and norms (EN13201, decree of 27/12/2018 about light pollution)

An ENERGY study to:

- Decide on lighting scenarios
- Size the power of the solar panel
- Size the battery capacity and guarantee its autonomy according to the defined operating

A MECHANICAL study to:

- Adapt pole technical characteristics and its concrete foundation according to its environment
- Install safely and durably the lighting pole



And many options
such as remote management

OUR PRODUCTS, DESIGNED TO LAST

10 YEARS
OF
LIFESPAN

Endurance+ battery

Battery and electronic device with unique performances.
Service life > 10 years
(4 000 cycles at 40 % of DoD at 35 °C)

endurance+
TECHNOLOGY

Designed in partnership with the CEA, LiFePO4 batteries have been documented as most efficient for public solar lighting market.

Pole and bracket

Standard compliant with EN40 and Eurocode 1991-1-4 for all wind zone.
Service life > 30 years

Solar panel

High performance, self-cleaning, optimal tilt.
Service life > 25 years

LED luminaire

Very high performance: until 180lm/W, IP66 IK08.
2 200 K to 4 000 K
Service life > 20 ans
Ragni range



Innovative functions

Communicating motion detection, bluetooth® and remote management.



SEE MORE




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**GROUPE
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